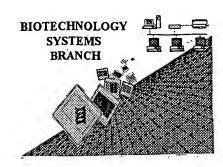#4

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information
Center (STIC) detected errors when processing the following computer readable
form:

Application Serial Number: _10/018,227_

Source: _Pu/10_

Date Processed by STIC: _1/9/2002_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE
   APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
   NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
        http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is
a possibility-that-the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:
1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission
   User Manual - ePAVE)
2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
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   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
   Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
           Or
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PCT10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/018,227

DATE: 01/09/2002
TIME: 11:54:56

Input Set : A:\sequence.txt
Output Set: N:\CRF3\01082002\J018227.raw

Does Not Comply
Corrected Diskette Needed

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 3 <110> APPLICANT: Brenda F. Baker
 4        Lex M. Cowsert
 5        ISIS PHARMACEUTICALS, INC.
 7 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION
 9 <130> FILE REFERENCE: RTSP-0057
11 <140> CURRENT APPLICATION NUMBER: US/10/018,227
11 <141> CURRENT FILING DATE: 2001-12-12
11 <150> PRIOR APPLICATION NUMBER: 09/344,579
12 <151> PRIOR FILING DATE: 1999-06-25
14 <160> NUMBER OF SEQ ID NOS: 47
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ERRORED SEQUENCES

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684 <210> SEQ ID NO: 47
685 <211> LENGTH: 18
686 <212> TYPE: DNA
687 <213> ORGANISM: Artificial Sequence
690 <220> FEATURE:
690 <223> OTHER INFORMATION: Antisense Oligonucleotide
692 <400> SEQUENCE: 47
693 catggttgtt tccttccc
695 1
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W--> (handwritten)
E--> (handwritten) *delete at end of file*

(handwritten right margin) *insert this mandatory*
18 *numeric identifier whenever* <221>, <222>, *or* <223> *is shown* *(global error)*

The types of errors shown exist throughout the Sequence Listing. Please check **all** sequences for similar errors.

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/018,227

DATE: 01/09/2002
TIME: 11:54:57

Input Set : **A:\sequence.txt**
Output Set: **N:\CRF3\01082002\J018227.raw**

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:158 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:184 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:195 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:206 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:217 M:258 W: Mandatory Feature missing, <220> FEATURE:
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VERIFICATION SUMMARY
PATENT APPLICATION: US/10/018,227

DATE: 01/09/2002
TIME: 11:54:57

Input Set : **A:\sequence.txt**
Output Set: **N:\CRF3\01082002\J018227.raw**

L:690 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:695 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:18 SEQ:47